



250 Staunton Turnpike, Parkersburg, WV 26104

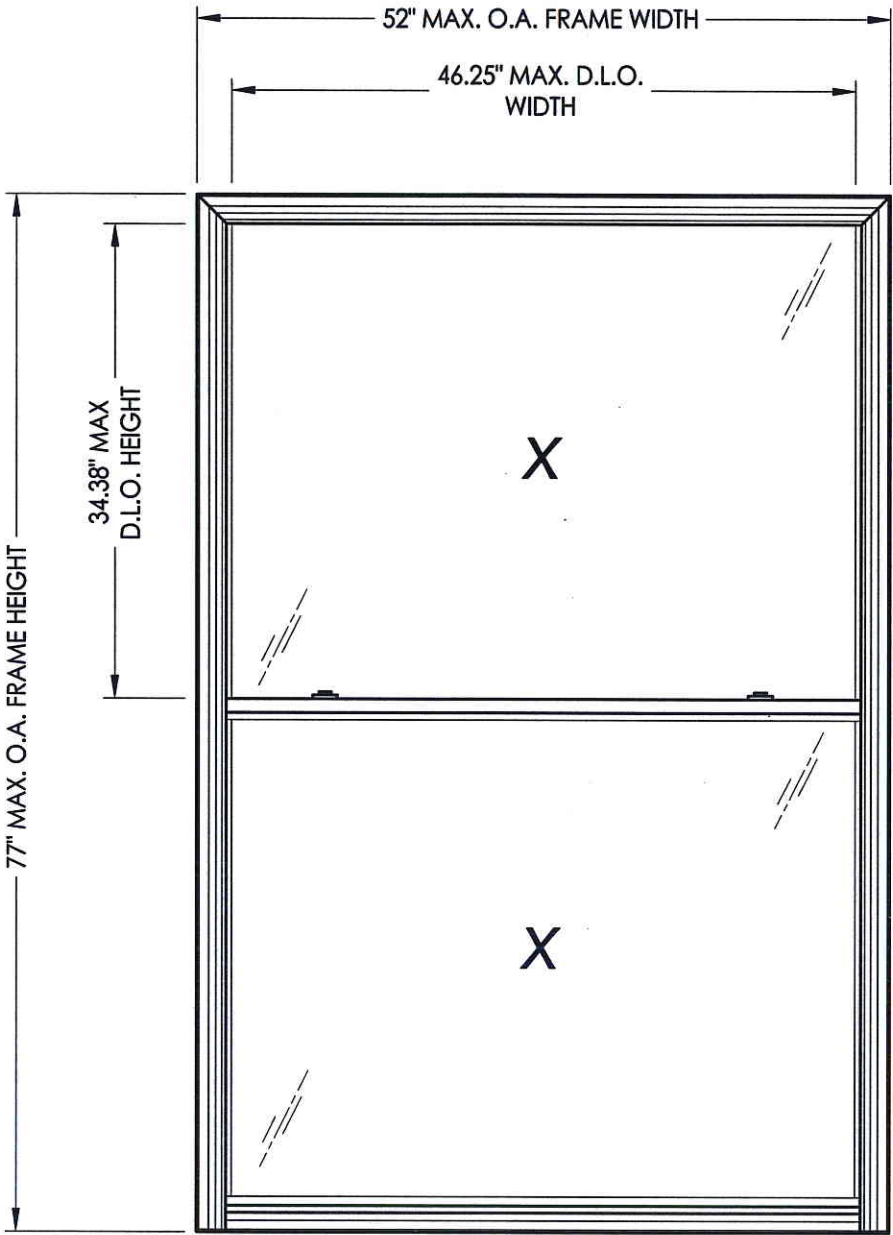
5400 / 5400S
Vinyl Double Hung
Window
"NON-IMPACT"

EVALUATED FOR USE IN THE STATE OF TEXAS

The Wincore Double Hung Window described herein complies with the 2006 International Residential Code (IRC), Sections R301 & R613 and the 2006 International Building Code (IBC), Sections 1405.12, 1609, 1714.5, 2403 and 2404 (including Texas revisions) subject to the following conditions:

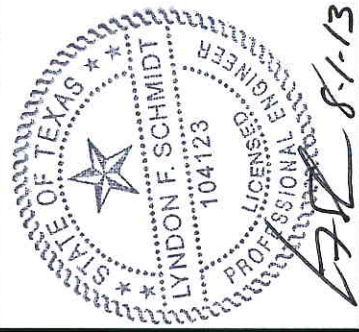
1. Anchors shall be as listed and spaced as shown in the details. Anchor embedment to base material shall be beyond wall dressing or stucco.
2. When used in areas requiring wind-borne debris protection this product is required to be protected with an impact resistant covering that complies with Section R301.2.1.2 of the IRC and Section 1609.1.2 of the IBC.
3. Allowable design pressure requirements must be equal to or less than the design pressure rating shown in the design pressure chart, sheet 1 of this drawing.
4. Conditions not covered by this drawing are subject to further engineering analysis.

TABLE OF CONTENTS	
SHEET#	DESCRIPTION
1	Typical elevations, design pressures & general notes
2	Vertical & horizontal cross sections & frame anchoring
3	Components
4	Bill of materials & glazing details



MAX. FRAME DIMENSION	MAX. D.L.O. DIMENSION	GLASS TYPE	REINFORCEMENT LOCATIONS	DESIGN PRESSURE (PSF)	
				POSITIVE	NEGATIVE
40.0" X 63.0"	34.25" X 27.88"	G2	None	+35.0	-35.0
52.0" X 63.0"	46.25" X 27.88"	G1	Mtg. Rail / Lock Rail	+35.0	-35.0
46.0" X 77.0"	40.25" X 34.88"	G1	Mtg. Rail / Lock Rail Top & Bottom Sash Stiles	+35.0	-35.0
36.0" X 72.0"	30.25" X 32.38"	G1	Mtg. Rail / Lock Rail Top & Bottom Sash Stiles	+50.0	-50.0

NOTE: Maximum frame height & width occur on separate units.



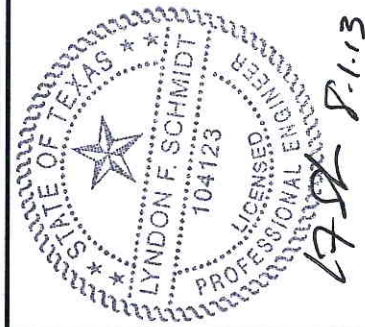
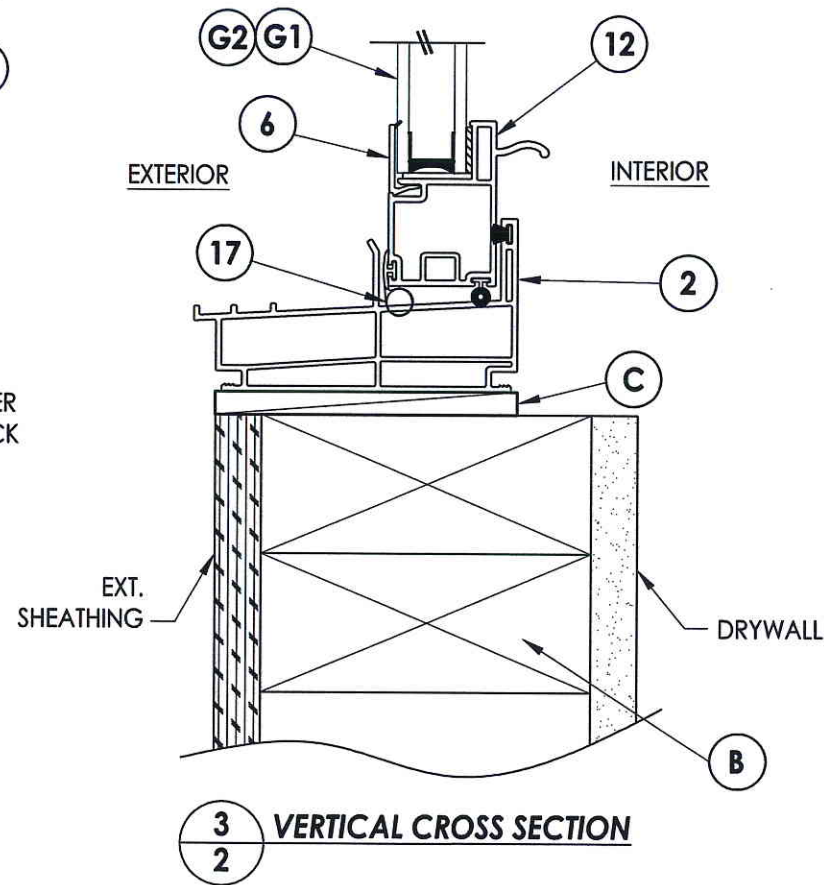
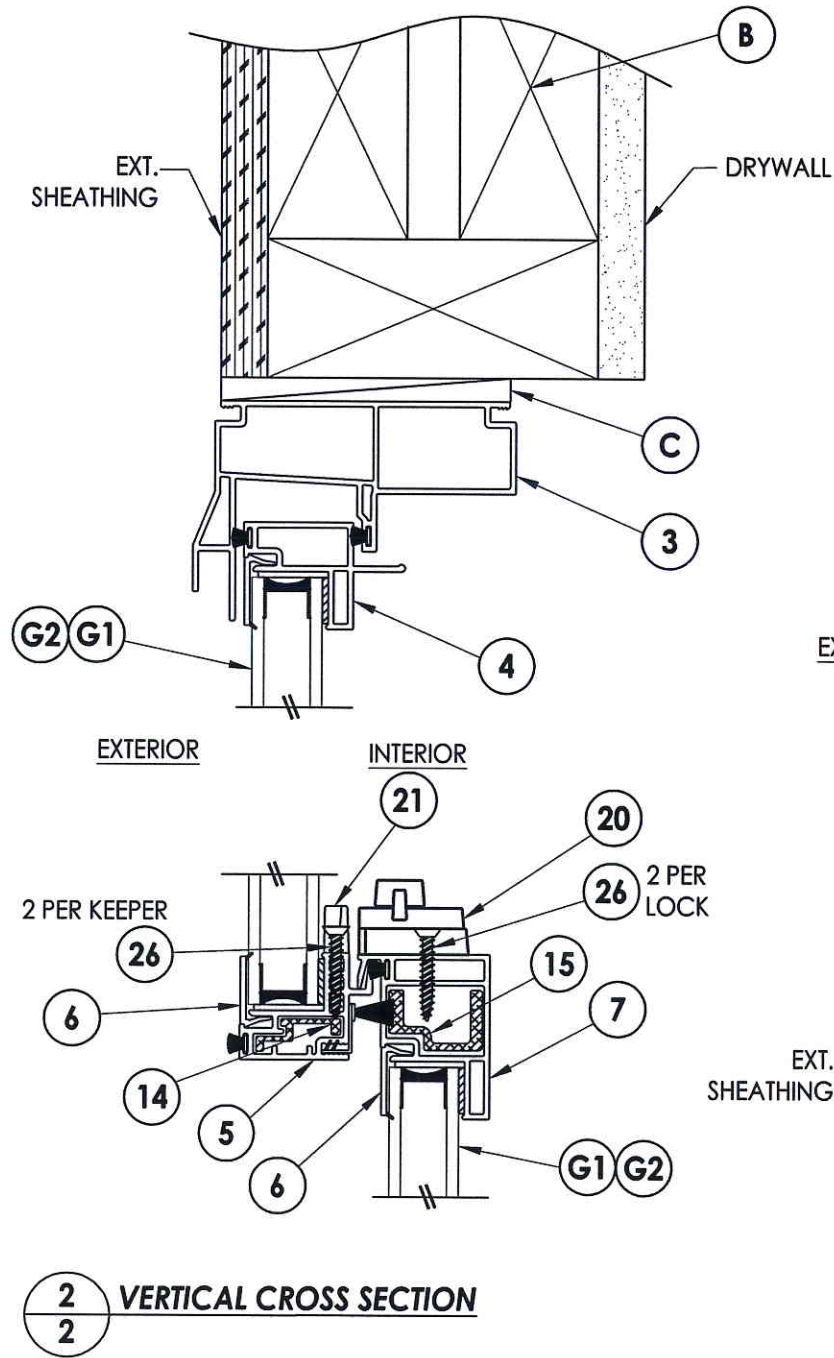
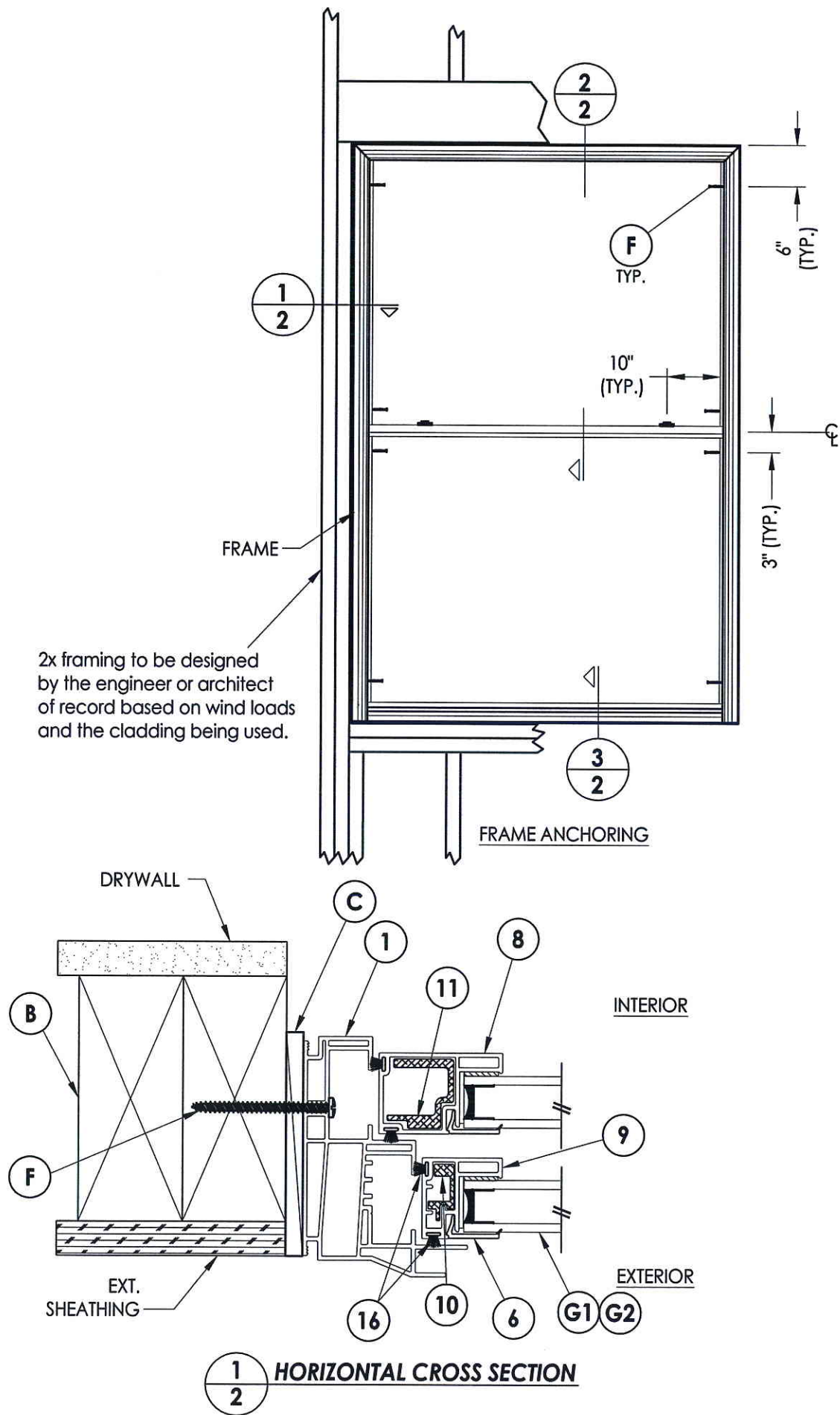
Documents Prepared By: Lyndon F. Schmidt, P.E.
TEXAS P.E. #104123

RW BUILDING CONSULTANTS, INC.
P.O. Box 230 Valrico FL 33595
Phone No.: 813.659.9197

TEXAS BOARD OF PROFESSIONAL ENGINEERS
CERTIFICATE OF REGISTRATION # F-11852

PRODUCT:		5400/5400S SERIES Vinyl Double Hung Window	
PART OR ASSEMBLY:		TYPICAL ELEVATION, DESIGN PRESSURES & GENERAL NOTES	
NO.	DATE	BY	REVISIONS
DATE: 8/01/13			
SCALE: N.T.S.			
DWG. BY: JK			
CHK. BY: LFS			
DRAWING NO.: TX-4343			
SHEET 1 OF 4			

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Documents Prepared By: Lyndon F. Schmidt, P.E. TEXAS P.E. #104123		RW BUILDING CONSULTANTS, INC. P.O. Box 230 Valrico FL 33595 Phone No.: 813.659.9197		TEXAS BOARD OF PROFESSIONAL ENGINEERS CERTIFICATE OF REGISTRATION # F-11852	
PRODUCT: 5400/5400S SERIES Vinyl Double Hung Window		PART OR ASSEMBLY: VERTICAL & HORIZONTAL CROSS SECTIONS & FRAME ANCHORING			
				REVISIONS	
				NO.	DATE
				BY	
DATE: 8/01/13		SCALE: N.T.S.			
DWG. BY: JK		CHK. BY: LFS			
DRAWING NO.: TX-4343					
SHEET 2 OF 4					

0.06"

1.43"

1.6"

Technical drawing of a mechanical part. The drawing shows a cross-section of a component with a width of 3.5 inches and a height of 1.88 inches. A gap of 0.05 inches is indicated between two internal features.

A technical drawing of an extruded aluminum profile. The profile is L-shaped with a complex internal structure. The overall width is 1.16 inches, the overall height is 1.18 inches, and the wall thickness is 0.06 inches. The profile features a central vertical web and several horizontal flanges of varying thicknesses.

15 REINFORCEMENT
Alum.



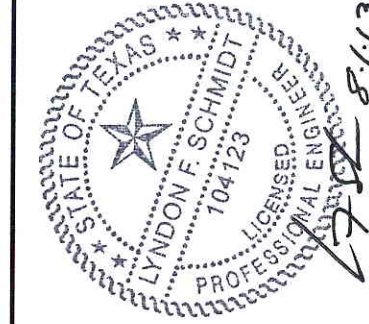
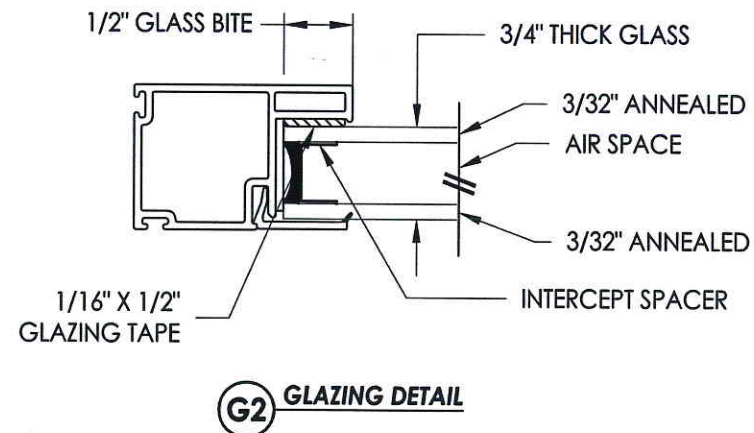
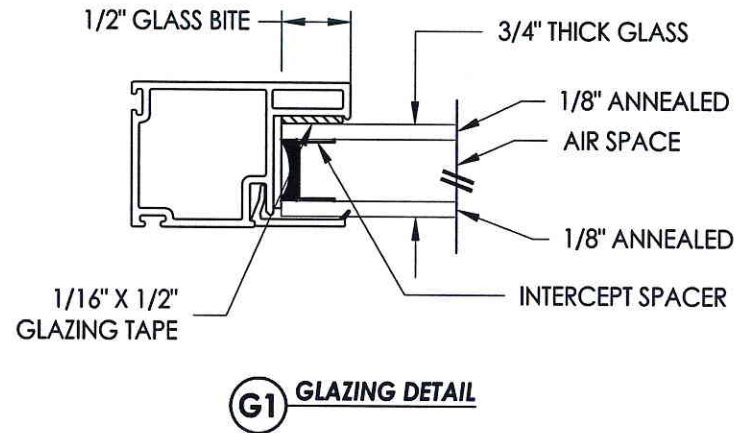
RW BUILDING CONSULTANTS, INC.
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TEXAS BOARD OF PROFESSIONAL ENGINEERS
CERTIFICATE OF REGISTRATION # F-11852

DATE: 8/01/13		REVISIONS NO. DATE		BY	PART OR ASSEMBLY: COMPONENTS
SCALE: N.T.S.					
DWG. BY: JK					
CHK. BY: LFS					
DRAWING NO.: TX-4343					
SHEET 3 OF 4		PRODUCT: 5400/5400S SERIES Vinyl Double Hung Window			

BILL OF MATERIALS		
ITEM #	DESCRIPTION	MATERIAL
B	2X FRAMING (G >= 0.42)	WOOD
C	1/4" MAX. SHIM SPACE	-
F	#8 X 2" PPH WOOD SCREW	STEEL
1	FRAME JAMB*	PVC
2	SILL*	PVC
3	FRAME HEAD*	PVC
4	TOP RAIL UPPER SASH*	PVC
5	KEEPER RAIL UPPER SASH*	PVC
6	GLAZING BEAD*	PVC
7	LOCK RAIL LOWER SASH*	PVC
8	LOWER SASH STILE*	PVC
10	REINFORCEMENT (6005-T5) ALUM	ALUM
11	REINFORCEMENT (6005-T5) ALUM	ALUM
12	BOTTOM RAIL LOWER SASH*	PVC
14	REINFORCEMENT (6005-T5) ALUM	ALUM
15	REINFORCEMENT (6005-T5) ALUM	ALUM
16	WEATHERSTRIP ULTRA FAB .270 PILE - 270 -1875B	-
17	WEATHERSTRIP SILLBULB (AMESBURY 32690)	-
20	LOCK	PVC
21	KEEPER	PVC
26	#8 X 1" TEK SCREW	STEEL

* THE APPROVED WHITE RIGID PVC EXTERIOR EXTRUSIONS FOR WINDOWS ARE TO BE PRODUCED BY EXTRUDERS LICENSEES IN "AAMA CERTIFICATION PROGRAMS FOR RIGID PVC EXTRUSIONS".



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R²W
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TEXAS BOARD OF PROFESSIONAL ENGINEERS
CERTIFICATE OF REGISTRATION # F-11852

PRODUCT: 5400/5400S SERIES
Vinyl Double Hung Window

PART OR ASSEMBLY:

BILL OF MATERIALS & GLAZING DETAILS

[illegible]

DATE: 8/01/13

SCALE: N.T.S.

DWG. BY: JK

CHK. BY: LFS

DRAWING NO.:

TX-4343

SHEET 4 OF 4